

ABSTRACT

A synthetic resin emulsion for use as a main component of a sealer composition for recoating a coating and comprising synthetic resin particles dispersed in water. The synthetic resin emulsion which is produced by copolymerizing (a) 20 to 99.5% by weight of an alkyl (meth)acrylate wherein the content of an alkyl (meth)acrylate, in which the alkyl group has 4 or less carbon atoms, is not less than 50% by weight based on the whole alkyl (meth)acrylate; (b) 0.5 to 10% by weight of an ethylenically unsaturated carboxylic acid; and (c) 0 to 79.5% by weight of a monomer copolymerizable with the monomers (a) and (b), in the presence of an alkyl diphenyl ether disulfonate as an emulsifier. The synthetic resin emulsion has a glass transition temperature ( $T_g$ ) of 15 to 50°C, and the average particle diameter of the synthetic resin particles dispersed in water is 0.01 to 0.2  $\mu\text{m}$ .